**Tutorial Task – Session 1**

The brief is to create a scenario for a database that contains a collection of material on a specific topic. The choice of scenario is yours, but it must NOT be any of the scenarios used in tutorials, examples, exercises or assessments in this module.

**The following scenarios will be considered:** Library, Bird Watching, Cargo Shipping Line, Warehouse, Zoo, Movie-Actor-Director Industry, Car Rental Service, Song-Artist Industry, DVD Rental, Hotel Booking, Hospital. More details will follow on the tutorials.

Use this template and the example developed in the lecture to create your own scenario.

Use the session 1 tutorial to start developing your scenario. In session 2 tutorials you will have an opportunity to get feedback on it from the teaching assistants to make sure you are on the right track.

You can use the scenario as the starting point for the first coursework so do not copy the work of others as this is academic misconduct and will be penalised.

**Scenario Title:** Muaaz el-Denté

Muaaz el-Denté Restaurant has a database storing details about daily business. Customers can either walk in or make reservations beforehand. Customers are recorded with a unique customer ID aswell as their name, contact number and DoB. Each Reservation has a reservation ID, date and table number recorded. Customers are also able to browse the menu and make orders. Each Menu item has an Item ID, Dish Name and price. Each Order has its own unique order number, along with the customer, items ordered, time of order and total of the order.

**Scenario** (100 words maximum)

**Example entities and attributes** (Minimum 4 example entities, each with at least 2 example attributes and values. At least one entity must be an event/action entity). Identify keys where appropriate.

**Example queries** (Minimum 5 – list, who, which, how many, most, fewest etc. - check that you have listed the attributes needed to answer your queries)

1. How many customers have reservations today?
2. What is the price of Birria tacos?
3. What is this customer’s favourite item to order?
4. Which dish is the most popular this month?
5. Which day of the week has the most reservations?